Horng et al.			[45]	Dat	te of	Patent:	Feb. 27, 1990	
[54]	CHEMICA	IEMICAL PROCESS		4,663,071 5/1987 Bush et al				
[76]	Inventors: Liou-Liang Horng, 1731 Wishingwell Dr., Creve Coeur, Mo. 63146; Chung Y. Shen, 12630 Conway Downs Dr., St. Louis, Mo. 63141; Mark E. Jason, 34 Ridge Point Dr., Chesterfield, Mo. 63017	0 0,	OTHER PUBLICATIONS					
		Chemical Abstracts, vol. 60, 2295G, 1964. Chemical Abstracts, vol. 64, 4224G, 1966.						
			Primary Examiner—Bruce D. Gray					
[21]	Appl. No.:	236,096	Attorney, Agent, or Firm—R. C. Loyer [57] ABSTRACT					
[22]	Filed:	Aug. 24, 1988	There is disclosed herein improved processes for the					
[51] [52] [58]	[2] U.S. Cl 562/583			preparation of mixtures of alkali metal salts of 1-hydroxy-3-oxa-1,2,4,5-pentane tetracarboxylate and alkali metal salts of 3,6-dioxa-1,2,4,5,7,8-octane hexacar-				
[56]		References Cited	boxylate wherein by-product calcium carbonate pro- duced by the process of making such mixtures is em-					
U.S. PATENT DOCUMENTS			ployed in a recycle pattern to prepare additional					
	3,692,685 9/	1972 Lamberti et al. 252/89 1972 Lamberti et al. 252/89 1975 Lamberti et al. 260/535 P	amounts of mixtures of said compounds. 17 Claims, No Drawings					

[11] Patent Number:

4,904,824

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